Index of Claims	Application/Control No.	Applicant(s)/Patent under Reexamination
	10/705,554	MERSCH, GERHARD
	Examiner	Art Unit
	Tyrone W. Smith	2837
√ Rejected — (Through nume	ral) Non-Elected	A Appeal

Restricted

I Interference

Objected

Claim				ļ			J		<u> </u>							ן נ							ш								
The color of the	Cla	im	Date						Cla	Claim Date								Claim Date													
1 V 101 102 102 102 102 102 103 104 103 104 104 105 104 104 104 104 105 106 106 106 106 106 106 106 107 107 107 107 107 107 107 107 108 108 108 108 108 109			١.,		T	T	Ť	П	П	ヿ	<u> </u>		Т	Т	Т			T	Т	ĺ			П	П	П	Ť	Ĭ	Ī	Т	Т	_
1 V 101 102 102 102 102 102 103 104 103 104 104 105 104 104 104 104 105 106 106 106 106 106 106 106 107 107 107 107 107 107 107 107 108 108 108 108 108 109	- Ea	in a	١ĕ								<u></u>	ina ina				П					ā	ina				ŀ				ı	
1 V 101 102 102 102 102 102 103 104 103 104 104 105 104 104 104 104 105 106 106 106 106 106 106 106 107 107 107 107 107 107 107 107 108 108 108 108 108 109	Fi	rig	IŽ								듄	Ē	1 1								듄	rig						- 1			
Section Sect		٥	-									٥										0		l		-	ļ				
3 √ 103 103 104 104 104 104 104 105 6 7 √ 55 106 106 107 107 107 107 107 107 107 107 107 107 107 108 109 100 110 100 111 111 111 111 111 111 111 112 113 113 113 114 114 114 114 114 114 114 114 114 114 114 114 114 114 114 114 115 116 117 116 117 116 117 116 117 118 118 118 118 119 119 <			_		I	П														1					1						_
4 √ 104 106 5 √ 105 105 6 √ 56 106 107 8 √ 58 108 107 9 √ 60 109 109 10 √ 60 110 110 11 2 62 1112 112 13 3 63 1113 111 14 4 64 114 114 15 5 65 115 115 16 6 66 116 117 17 1 117 117 117 18 66 66 116 117 117 118 19 69 119 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 12		-	_		\perp								Ш												\Box						_
5 V 105 105 106 7 V 106 107 107 107 107 108 107 108 109 100 111			_	$\sqcup \bot$	\perp	\perp	┖	Ш	Ц	_			Щ	\perp	\bot	Ш	\perp	_	\perp				Щ		_	_	_	_	_	_	
6 V 106 107 7 V 107 108 107 8 V 68 109 108 9 V 60 110 100 110 110 110 110 110 110 1110 1110 1111 111 <td></td> <td></td> <td>_</td> <td>\sqcup</td> <td>1</td> <td>╀-</td> <td>ــــــــــــــــــــــــــــــــــــــ</td> <td></td> <td></td> <td>4</td> <td></td> <td>54</td> <td>\sqcup</td> <td>_</td> <td>_</td> <td>Ш</td> <td>\Box</td> <td>_</td> <td>\bot</td> <td></td> <td></td> <td>104</td> <td></td> <td>\Box</td> <td>_</td> <td>_</td> <td>_</td> <td>_</td> <td>\perp</td> <td>_</td> <td></td>			_	\sqcup	1	╀-	ــــــــــــــــــــــــــــــــــــــ			4		54	\sqcup	_	_	Ш	\Box	_	\bot			104		\Box	_	_	_	_	\perp	_	
8 V 107 108 V 108 109 100 100 100 100 100 100 100 110 110 110 1110 1110 1110 1111			_	\vdash	┸	1	1	Ш		4			\sqcup	+	4	Ш	\dashv	4-	-						_	_	4	4	_	_	_
S			-		4	+	╄	\vdash	4	4	<u> </u>		\vdash	-		L	4	4	+		\vdash			4	-				-	_	
9 N			_	 	+-	+-	⊬	Н	\vdash	4	-		\vdash			Н	\dashv	-	+	l			-						-	\dashv	
10		_	_	┝	┿	+-	╀	Н	\vdash	\dashv			\vdash	+	+	\vdash	-+			ł	\vdash		\vdash		\dashv	\dashv	\dashv	-	\dashv	-+	
11		_	_	 -	+	+	\vdash	Н	$\vdash \vdash$	\dashv			$\vdash \vdash$	-	╁	Н	\dashv	+	+	ł	$\vdash\vdash$		\vdash	\dashv	\dashv	-		\dashv	\dashv	-+	_
12	\vdash		-	$\vdash \vdash$	+-	╁╾	+	\vdash	\dashv	\dashv	-			+	+	Н	\dashv	+	+		\vdash		\vdash	\dashv	-+	\dashv	\dashv	\dashv	\dashv	\dashv	_
13			-	\vdash	+	+	1	\vdash	$\vdash \vdash$	\dashv			\vdash	+	+	Н	\dashv	+	+	1	\vdash		\vdash	\dashv	-	-+	-	+	\dashv	\dashv	_
14 = 64 114 115 114 115 115 116 116 116 116 117 118 118 118 118 118 118 118 118 119 119 119 120 120 120 120 120 121 121 121 121 121 122 122 122 122 122 123 123 123 123 123 123 123 123 124 124 124 124 124 124 125 126 126 126 126 126 126 126 126 126 127 1			_	\vdash	╁	+-	†	H	$\vdash \uparrow$	\dashv				+	+	Н	\dashv	+	+	l	\vdash		\vdash	\dashv	+	\dashv	\dashv	\dashv	+	\dashv	_
15			-	\vdash	+	十	t	П	\dashv	\dashv			$ \neg $	+	\top	H	+	+	+-	1	\vdash		\vdash		一	\dashv	┪	一	-+	-	_
16			-	\vdash	十	\top	T	П	\sqcap	\dashv			$\vdash \uparrow$	\top	\top	Ħ	\dashv	十	1	١				-	一	\dashv	一	\dashv	\dashv	\dashv	_
17			=		T	T^{-}		П	\Box	\dashv			\sqcap	_	1	П	\Box	\top	\top	ĺ		116			\dashv	一	┪		7	7	
18 = 68 118 119 = 118 119 = 118 119 = 120 = 120 = 120 = 120 = 120 = 120 = 120 = 120 = 121 = 121 = 121 = 122 = 122 = 122 = 122 = 122 = 123 = 123 = 123 = 123 = 123 = 123 = 124 = 124 = 124 = 125 = 125 = 125 = 125 = 125 = 125 = 125 = 125 = 125 = 126 = 127 = 128 = 127 = 128 = 127 = 128 = 127 = 128 = 128 = 129 = <td></td> <td></td> <td>=</td> <td></td> <td>1</td> <td>1</td> <td></td> <td>П</td> <td>\Box</td> <td>\neg</td> <td></td> <td></td> <td>\sqcap</td> <td>\top</td> <td>\top</td> <td>П</td> <td>\top</td> <td>十</td> <td>1</td> <td>ĺ</td> <td></td> <td></td> <td>\Box</td> <td>\Box</td> <td>一</td> <td>寸</td> <td>\dashv</td> <td>\dashv</td> <td>\dashv</td> <td>7</td> <td></td>			=		1	1		П	\Box	\neg			\sqcap	\top	\top	П	\top	十	1	ĺ			\Box	\Box	一	寸	\dashv	\dashv	\dashv	7	
19 = 69 119 120 20 = 70 120 121 21 71 121 121 22 73 122 122 23 74 123 123 24 74 125 125 26 76 126 127 27 77 127 127 28 78 128 128 29 79 129 129 30 80 130 131 31 81 131 131 32 82 132 132 33 83 133 133 34 84 134 134 35 86 135 135 36 86 136 137 38 88 139 140 40 90 140 141 42 92 142 143 44 <td></td> <td></td> <td>=</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>68</td> <td></td> <td>\top</td> <td>T</td> <td>П</td> <td></td> <td>_</td> <td>\top</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td>寸</td> <td>\neg</td> <td>\dashv</td> <td>寸</td> <td>寸</td> <td>_</td>			=									68		\top	T	П		_	\top	1					_	寸	\neg	\dashv	寸	寸	_
21 22 121 72 122 123 124 123 124 123 124 124 125 125 126 126 126 126 126 127 127 127 127 127 127 127 128 129 129 129 130 130 130 130 130 130 130 131 131 131 132 133 133 133 133 133 133 133 133 133 133 134 132 133 134 134 134 134 135 135 136 136 137 137 137 137 137 137 138 139 139 139 139 140 141 141		19	=		T	1	Τ			\neg		69	П	7	1	П				1		119			寸	ヿ	一	コ		\neg	_
22 123 122 123 123 123 124 123 124 124 124 125 125 125 125 125 126 125 126 126 127 127 128 128 129 128 129 129 129 129 129 130 130 130 130 130 130 131 131 132 132 133 132 133 133 133 134		20	=																	1						\neg	\neg	ヿ		\neg	
23 123 123 124 124 125 125 126 126 126 126 126 126 126 127 127 128 128 129 129 129 129 130 130 130 131 131 131 131 131 131 131 131 131 131 132 133 133 133 133 133 134 134 134 134 134 134 135 135 136 136 137 137 136 137 137 138 138 138 138 138 139 140 140 141 141 141 141 142 142 142 142 142 142 142 142 143 144 144 144 144 144 144 144 144 144 144 144 144 144 145 146 146 147 148 149 149 149 149 149 149 149 149 149 149 149 14														\Box	\prod							121									
24 124 125 125 125 125 126 126 126 126 126 126 126 127 127 127 127 128 128 128 128 129 129 129 129 130 130 130 131 131 131 131 131 132 132 132 133 133 133 133 133 133 134 134 134 134 134 134 135 135 136 136 137 137 137 137 137 138 138 138 138 138 138 138 138 139 140 141 142 142 142 143 144 144 144 144 144 144 144 145 146 147 148 148 148 148 149 149 149 149 149 149 149 149 149 149 149]											
25 125 126 126 126 126 127 127 127 127 127 127 127 127 128 129 129 129 130 130 131 131 131 131 131 132 132 132 132 132 133					1_	┸	上	Ш		_	L		Щ	\perp		$oxed{oxed}$	\Box	\perp				123					\Box				
26 76 77 126 127 127 128 127 128 129 129 129 129 130 130 131 131 131 131 132 132 132 133 133 133 133 133 133 133 134 135 136 135 136 136 137 138 137 138 138 138 138 139 140 141 141 141 142 143 144 144 143 144 143 144 144 145 146 147 148 148 149<			L		┸	丄	丄			_			Щ	_	_	<u> </u>	\perp	┵		l											
27 127 127 128 128 128 128 129 129 129 129 130 130 130 131 131 131 131 132 132 132 132 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 134 134 134 134 134 135 135 136 135 135 136 137 137 137 138 138 138 138 139 140 141 141 141 141 141 141 142 142 142 143 144 144 144 144 144 144 144 144 144 144 145 145 145 146 147 147 147 148 149 14			ļ	<u> </u>	4	1	<u> </u>	Ш	Ш	_			\sqcup	4	_	igspace		_		l		125			_	_	_	_	_	_	
28 78 128 29 80 129 30 80 130 81 131 32 82 132 33 83 133 34 84 134 35 86 135 36 86 136 37 87 137 38 88 138 39 89 139 40 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 96 146 47 97 147 48 98 148 49 99 149	_		L.	\vdash	╄	4	$oxed{igspace}$	Ш	\Box	4			\vdash	\bot	\bot	Ш	_	_		l	igsquare				_	_	_	_	4	4	_
29 79 129 30 80 130 31 81 131 32 82 132 33 83 133 34 84 134 35 85 135 36 86 136 37 87 137 38 88 138 39 90 140 41 91 140 41 91 141 42 92 142 43 93 143 44 94 144 45 96 145 46 96 146 47 97 147 48 98 149			┡	-	╄	+-	╄		4	4			\vdash	4	\bot	\sqcup	\perp	_	-	l				\Box	_	_	4	_	4	_	
30 80 130 31 81 131 32 82 132 33 133 134 35 85 135 36 86 136 37 87 137 38 88 138 39 88 138 39 89 139 40 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 96 145 46 96 146 47 97 147 48 98 148 49 99 149			┡		+	+	╀	Н	\vdash	4			$\vdash \vdash$	-		1	_		+		\vdash		Ш	\dashv	-	\dashv	4	_	\dashv		
31 81 131 132 132 132 133 133 133 133 133 134 134 134 134 135 135 135 135 136 137 137 137 137 137 137 137 137 137 137 136 137 137 138 138 138 138 138 139 140 140 140 140 140 141 141 141 141 141 142 142 142 143 144 144 144 144 145 145 145 145 146 146 147 147 148 148 148 149			┝	┝─├─	┿	╁	┢	Н	\dashv	4			\vdash	+	+-	\vdash	\dashv	_	+		-	129	_	\Box	-		4	-	\dashv	\dashv	
32 </td <td><u> </u></td> <td></td> <td>⊢</td> <td>$\vdash \vdash$</td> <td>╁</td> <td>+</td> <td>\vdash</td> <td>\vdash</td> <td>$\vdash \vdash$</td> <td>\dashv</td> <td></td> <td></td> <td>$\vdash \vdash$</td> <td>+</td> <td>+-</td> <td>╂┼┤</td> <td>\dashv</td> <td>+</td> <td>+</td> <td>ł</td> <td>-</td> <td></td> <td>\vdash</td> <td>\dashv</td> <td> </td> <td> </td> <td> </td> <td>_</td> <td>\dashv</td> <td>\dashv</td> <td></td>	<u> </u>		⊢	$\vdash \vdash$	╁	+	\vdash	\vdash	$\vdash \vdash$	\dashv			$\vdash \vdash$	+	+-	╂┼┤	\dashv	+	+	ł	-		\vdash	\dashv				_	\dashv	\dashv	
33 34 35 34 35 36 35 36 37 38 37 38 39 38 39 39 38 39 <td< td=""><td> </td><td></td><td>┢</td><td> -</td><td>+</td><td>+</td><td>\vdash</td><td>\vdash</td><td>\vdash</td><td>\dashv</td><td></td><td></td><td>$\vdash \vdash$</td><td>+</td><td>+</td><td>\vdash</td><td>\dashv</td><td>+</td><td></td><td></td><td>$\vdash\vdash$</td><td>122</td><td>\vdash</td><td>\dashv</td><td>\dashv</td><td>-</td><td></td><td> </td><td>\dashv</td><td>\dashv</td><td></td></td<>	 		┢	-	+	+	\vdash	\vdash	\vdash	\dashv			$\vdash \vdash$	+	+	\vdash	\dashv	+			$\vdash\vdash$	122	\vdash	\dashv	\dashv	-			\dashv	\dashv	
34 84 134 135 35 85 135 136 36 86 136 137 38 88 138 138 39 89 139 139 40 90 140 141 41 91 141 141 42 92 142 143 43 93 143 144 44 94 144 144 45 95 145 146 47 96 146 147 48 98 148 148 49 99 149 149	 		├─	\vdash	+	+	\vdash	\vdash	$\vdash \vdash$	\dashv	\vdash		$\vdash \vdash$	+	+	\vdash	+	+	+		$\vdash\vdash\vdash$	132	\vdash	\dashv	+	-	\dashv	\dashv	\dashv		_
35 36 37 38 37 38 39 38 39 <td< td=""><td>$\vdash \dashv$</td><td></td><td>\vdash</td><td>$\vdash \vdash$</td><td>+</td><td>+-</td><td>+</td><td>\vdash</td><td>\vdash</td><td>\dashv</td><td>\vdash</td><td></td><td>$\vdash \vdash$</td><td>+</td><td>+</td><td>Н</td><td>\dashv</td><td>+</td><td>+</td><td>l</td><td></td><td></td><td>$\vdash\vdash$</td><td>\dashv</td><td>-</td><td></td><td></td><td></td><td>\dashv</td><td>\dashv</td><td>_</td></td<>	$\vdash \dashv$		\vdash	$\vdash \vdash$	+	+-	+	\vdash	\vdash	\dashv	\vdash		$\vdash \vdash$	+	+	Н	\dashv	+	+	l			$\vdash\vdash$	\dashv	-				\dashv	\dashv	_
36 37 136 137 137 137 137 138 138 138 138 138 139 139 139 139 140 140 140 140 140 141 141 141 141 141 141 142 142 143 143 144 144 144 144 144 144 144 145 145 146 147 147 148 148 148 149	\vdash		-	\vdash	+	+	+-	\vdash	\vdash	\dashv	\vdash		\vdash		+	\vdash	\dashv	+	+	1	-	135	\vdash	\dashv	ᆉ	ᅱ			\dashv	\dashv	-
37 87 137 38 88 138 39 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 95 145 46 96 146 47 97 147 48 99 149	$\vdash \vdash$			$\vdash \vdash$	+	+	十	\vdash	\vdash	\dashv	-		\vdash	+	+	Н	\dashv	+	+-	1	\vdash		\vdash	-	\dashv	\dashv	\dashv	\dashv	\dashv	\dashv	_
38 39 138 139 40 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 95 145 46 96 146 47 97 147 48 98 148 49 99 149	$\vdash \vdash$		┪	$\vdash \vdash$	\dagger	+	╁	\vdash	\vdash	\dashv	 		\vdash	\dashv	+	\vdash	\dashv	╁	+	l	\vdash		\vdash	-	\dashv	\dashv	\dashv	-+	\dashv	\dashv	
39 89 139 40 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 95 145 46 96 146 47 97 147 48 98 148 49 99 149	_		\vdash	\vdash	\top	\top	\vdash	\vdash	-	\dashv			H	╁	+	\vdash	_	+	1	l	\vdash				\dashv	ᅥ		-	\dashv	\dashv	-
40 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 95 145 46 96 146 47 97 147 48 98 148 49 99 149				\vdash	T	†	T	H	\vdash	ヿ			H	\top	+	П	\dashv	十			\Box	139	H	\dashv	\dashv	\dashv	-	\dashv	+	\dashv	_
41 91 141 142 42 92 142 143 43 93 143 144 44 94 144 144 45 95 145 145 46 96 146 147 48 98 148 148 49 99 149 149					1-	T	1	П	\sqcap	ヿ			\sqcap	\top	\top	П	1	十	\top	ĺ			\Box	\dashv	寸	一	寸	一	\dashv	_	_
42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		41			T	1	1	П	\Box	ヿ		91	\sqcap	\top	\top	П	\neg	\top					\Box		7	寸	\dashv	寸	_	7	_
43 93 44 94 45 95 46 96 47 97 48 98 49 99		42			1							92		╛	T	П						142		ヿ	寸					T	
44 94 45 95 46 96 47 97 48 98 49 148 99 149					Ι	\coprod	Γ					93								1		143				╗			7	寸	
45 95 46 96 47 97 48 98 49 99			\Box		\mathbf{L}	Ľ						94		T						l		144			丁					J	
46 96 47 97 48 98 49 148					$oxed{\Box}$							95		I	\mathbf{I}			$oldsymbol{ op}$	$oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$	l		145			丁					_ [
48 98 49 148 149 149										\Box					\perp			$oxed{oxed}$											\Box		
49 149 149 149					1	1	<u> </u>	Ш		_	L_		Ц	\bot	\perp	\Box	\bot			l					J	\Box					
	igsquare		_		1			Ш		_		98	\Box			\Box	\Box	\perp				148		\Box	\Box		\Box	\Box	\Box		
50	L		<u> </u>	$\sqcup \!\!\! \perp$	\perp	L	1_	Ш	Ш	_	L		Ш	\perp	1	Ш	\perp		\perp	l					[[\Box	\Box	\Box	_
	L	50	İ				<u>_</u>	Ш		╝	1	100	Ш	\perp	Ш.	Ш		_	\perp		$\sqcup \sqcup$	150			_1						